Ontario

Ministry of Natural Resources

Hon. Michael Harris
Minister

Mary Mogford
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

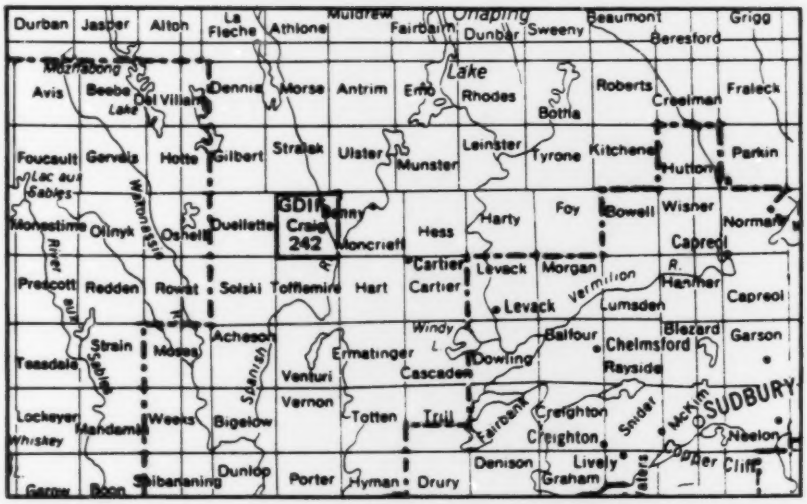
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 242

CRAIG TOWNSHIP

DISTRICT OF SUDBURY

Compiled by the Staff of
the Resident Geologist's Office
Sudbury



LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

86-0858

NTS Number 41 I/12, 41 I/13

Mining Claim Map Number M 736

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1985: Craig Township, District of Sudbury; Ontario Geological Survey, Geological Data Inventory Folio 242, compiled by the staff of the Resident Geologist's Office, Sudbury, 20p. and 2 maps.

Original Compilation by: Lacey, J. Kerry Mar.26, 1985

Date	Page Revised	Revised by

Date	Page Revised	Revised by

TABLE OF CONTENTS

Data Sources Checklist 1
Metals and Minerals Reference List 2
Mineral Occurrences 3
Type of Work 4,5
Drill Hole Summary 6-8
Airborne Geophysical Survey Data 9
Geochemical Survey Data 10
Miscellaneous Data 11
Newspaper Clipping File 12
ODM General Index Search 13-15
Selected References 16-19
Notes and Addenda 20

ACCOMPANYING MAPS

Property Location Map - 1 map
Exploration Data Map - 1 map
Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	**2.589 988**	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	**28.349 523**	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	K.L.
2	Assessment Files Research Office, Toronto	N.A.	K.L.
3	ODM General Index; 9 Volumes	Yes	K.L.
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	K.L.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	K.L.
6	ODM Industrial Mineral Reports	No	K.L.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	N.A.	K.L.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	K.L.
9	Newspaper Clippings File	Yes	K.L.
10	GSC Index to Publications	Yes	K.L.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	K.L.
12	OGS Index Maps	Yes	K.L.
13	Source Mineral Deposit Records (O.G.S.) Mineral Occurrences File	Yes	K.L.
14	Author - Subject Articles File	Yes	K.L.
15	Miscellaneous Papers: ODM & OGS	Yes	K.L.
16	ODM Geological Circulars: OGS Study Series	Yes	K.L.
17	ODM Preliminary Reports: ODM Bulletins	Yes	K.L.
18	ODM – OGS Open File Reports	Yes	K.L.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	K.L.
20	OGS Aggregate Resources Inventory Papers	No	K.L.
21	OGS Mineral Potential Maps	Yes	K.L.
22	Theses on File, Sudbury	Yes	K.L.
23	Aerial Photographs on File, Sudbury	Yes	K.L.

METALS AND MINERALS REFERENCES LIST

△ anh. . . . . .Anhydrite
△ ank. . . . . .Ankerite
△ anna . . . . . Annabergite
△ ap. . . . . .Apatite
△ arg . . . . . Argentite
△ As . . . . . .Arsenic
△ asp . . . . . .Arsenopyrite
△ asb . . . . . .Asbestos
△ ba. . . . . .Barite
△ be. . . . . Beryl
△ Bi. . . . . Bismuth
△ bn . . . . . .Bornite
△ bran . . . . . .Brannerite
△ bruc . . . . . .Brucite
△ Cd . . . . . Cadmium
△ calc. . . . . Calcite
△ carb . . . . . .Carbonate
△ cel . . . . . .Celestite
△ cc. . . . . .Chalcocite
△ cp. . . . . .Chalcopyrite
△ ch. . . . . .Chert
△ clay . . . . . .Clay
△ Co . . . . . Cobalt
△ cob. . . . . Cobaltite
△ cb. . . . . .Columbite
▲ Cu . . . . . .Copper
△ cor . . . . . Corundum
△ dol . . . . . Dolomite
△ ep. . . . . Epidote
△ ery . . . . . Erythrite
△ fel . . . . . .Feldspar
△ fl . . . . . .Fluorite (flurospar)
△ fu. . . . . .Fuchsite
△ gn. . . . . Galena
△ gt . . . . . Garnet
△ goe . . . . . .Goethite
▲ Au . . . . . Gold
△ gf . . . . . .Graphite
△ gl . . . . . Gravel
△ gyp. . . . . Gypsum
△ hem . . . . . Hematite
△ il . . . . . Ilmenite
▲ Fe . . . . . .Iron
△ IF. . . . . Iron Formation
△ jas . . . . . Jasper
△ kaol . . . . . .Kaolinite (kaolin)
△ ky . . . . . Kyanite
▲ Pb . . . . . Lead
△ lim . . . . . Limonite
△ Li. . . . . Lithium
△ mgst . . . . . Magnesite
△ mag . . . . . Magnetite
△ mc . . . . . Malachite
△ Mn . . . . . Manganese
△ mb . . . . . Marble
△ mar. . . . . Marcasite
△ ma . . . . . .Marl
△ mi . . . . . Mica
△ ml . . . . . Millerite
△ mo . . . . . Molybdenite
△ Mo . . . . . .Molybdenum
△ mon . . . . . Monazite
△ ne. . . . . Nephelite (nepheline)
△ nc. . . . . .Niccolite
△ Ni. . . . . Nickel
△ Nb . . . . . .Niobium
△ Pd . . . . . .Palladium
△ peat . . . . . .Peat
△ pent . . . . . .Pentlandite
△ Pt. . . . . .Platinum
△ py . . . . . .Pyrite
△ pyl . . . . . Pyrochlore
△ pyrl . . . . . .Pyrolusite
△ po . . . . . .Pyrrhotite
△ q . . . . . .Quartz
△ qcv . . . . .Quartz carbonate vein
△ ra. . . . . .Radioactive minerals
△ RE . . . . . .Rare Earths
△ sd. . . . . Sand
△ sgl . . . . . Sand and gravel
△ ss . . . . . .Sandstone
△ scap . . . . . Scapolite
△ shee . . . . . .Scheelite
△ serp . . . . . Serpentine
△ sh. . . . . Shale
△ sid . . . . . Siderite
△ si . . . . . Silica
▲ Ag . . . . . .Silver
△ sl . . . . . Slate
△ sm . . . . . Smaltite
△ sod . . . . . Sodalite
△ spec . . . . . Specularite
△ sp. . . . . .Sphalerite
△ spd . . . . . .Spodumene
△ staur . . . . . Staurolite
△ stib. . . . . Stibnite
△ st . . . . . .Stone
△ talc. . . . . .Talc
△ Te . . . . . Tellurium
△ td. . . . . Tetrahedrite
△ th. . . . . .Thorite
△ Th . . . . . .Thorium
△ thuc . . . . . Thucholite
△ ti . . . . . Titanite
△ Ti. . . . . Titanium
△ tour . . . . . .Tourmaline
△ trap . . . . . .Trap rock
△ W. . . . . Tungsten
△ uran . . . . . Uraninite
△ U . . . . . .Uranium
△ verm . . . . . .Vermiculite
△ Y . . . . . Yttrium
▲ Zn . . . . . .Zinc
△ zr. . . . . Zircon
▲ S . . . . . .Sulphides

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Almore Showing	Cu	Cu 1	-	
B	Almore Gold Showing	Au	Cu 1	-	
C	Spanish River Occurrence	Pb,Zn	-	-	AR38, Vol.1, pt.7, p.65
D	Stralak River Occurrence East Showing	Pb,Zn,Cu,Ag	Zn 1	MRC12, p.235 MRC2. p.101	O.D.M. AR38, pt.7, p.63-65 O.D.M. Map 1107, No.16
E	Stralak Prospect West Showing	Pb,Zn,Cu,Ag	Zn 1a	-	O.D.M. Map 1107, No.15
F	Craig Township Sulphide Occurrence	py,po	-	-	O.D.M. Map 1107
G	Craig Township Iron Formation Occurrence	Fe	-	-	O.D.M. Map 1107, No.18
H	Craig Township Mogo River Occurrence	po,py	-	-	O.D.M. Map 1107, No.19
I	Craig Township Bluewater Lake Occurrence	py,po,gf	-	-	O.D.M. Map 1107, No.20

GDIF FORM NO. 1

CARIG TOWNSHIP 4

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	Almore Explorations Ltd. (Tri-Bridge Consolidated Ltd.)	70		71				73				71	71							
2	Bankfield Consolidated Mines Ltd. (Area Mines Ltd., Broulan Porcupine Mines Ltd., Moneta Porcupine Mines Ltd.,)	49			49															
3	Canadian Nickel Co. Ltd.				67															
4	Chevron Standard Ltd.	76	75										75							
5	Confederation Mining Corporation Ltd.			74																
6	J. Descarreaux & Assocs.									73										
7	Mining Corp. of Canada Ltd.	65			64							65	65							
8	Min-Ore Mines Ltd.				59								59							
9	Oakridge Mining Corp. Ltd.	51			51 52	52														
10	Preston East Dome Mines Ltd.	52			52															

GDIF FORM NO. 2

CRAIG TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
11	Rio Tinto Explorations Ltd.								81	81										
12	Stralak Explorations Ltd.			81								80 81								
13	Sudbury Mining & Concentrating Co. Ltd.			28	29															
14	Tex-Sol Explorations Ltd.									73		75	75							
15	Wilson, W. H.											74	74							

GDIF FORM NO. 2

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled DEGREES	Bearing Azimuth DEGREES	Initial Dip of Hole FEET	Thickness of Overburden FEET	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
1	Bankfield Consolidated	1	1949	N	45	14.0	241.0	py,po,cp,gal,sp	Pb,Zn,Cu, Au,Ag
2		2	1949	N	45	15.0	135.8	py,po,gal,cp,sp	Pb,Zn,Cu, Au,Ag
3		3	1949	N	45	15.0	138.0	py,po,gal,cp,sp	Pb,Zn,Cu, Au,Ag
4		4	1949	N	45	13.0	189.0	py,po,gal,cp,sp	-
5		5	1949	N11E	60	7.0	250.0	py,po,gal,cp,sp	Pb,Zn,Cu, Au,Ag
6		6	1949	N	65	12.0	226.0	py,po,gal,cp,sp	Pb,Zn,Cu, Au,Ag
7		7	1949	N	45	9.0	298.0	py,po,gal,cp,sp	Pb,Zn,Cu, Au,Ag
8		8	1949	N14E	60	7.0	227.0	py,po,gal,cp,sp	Pb,Zn,Cu, Au,Ag
9		9	1949	N10E	45	7.0	154.0	py,po,gal,cp,sp	Pb,Zn,Cu, Au,Ag
10	Canadian Nickel Co. Ltd.	33317	1967	S	50	3.0	173.0	gf	-
11	Mining Corp. of Canada Ltd.	5-64	1965	330	50	25.0	259.5	py,po	Cu,Zn,Pb, Au,Ag
11a		6-64	1965	N	60	25.0	267.3	py,po	Cu,Zn,Pb, Au,Ag
11b		7-64	1965	330	50	35.0	385.0	py,po	-
11c		8-64	1965	32	50	36.0	419.0	py,po	Cu,Zn,Pb, Au,Ag
12	Min Ore Mines Ltd.	1	1959	N	45	12.0	256.5	py,po,cp	-
13		2	1959	N	45	15.0	302.0	py,po,cp	-
14		3	1959	N	45	8.0	346.5	py,po,cp	-
15		4	1959	N	45	16.0	310.0	py,po,cp	-
16		5	1959	N28W	45	14.0	296.0	py,po,cp	-
17		6	1959	N	45	6.0	502.0	py,po,cp	-

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
18	Min Ore Mines Ltd.	7	1959	N	45	22.0	305.0	py,po,cp	-
19		8	1959	N	60	18.0	1006.0	py,po,cp	-
20	Oakridge Mining Corp. Ltd.	1	1952	N	45	10.0	284.6	py,po	S
21		2	1952	N	45	10.0	216.0	py,po	S,Ni,Co
22		3	1952	S	45	10.0	357.0	py,po,Co	S,Ni,Co
23		4	1952	N	45	10.0	209.0	py,po	S,Ni,Cu,Fe
24		5	1952	S	45	10.0	229.0	py,po	S
25		6	1952	S	45	10.0	195.6	py,po	S
26		7	1952	S	45	10.0	256.0	py,po	S,Ni,Co
27		8	1952	S	45	10.0	339.0	py,po	S
28	Preston East Dome Mines Ltd.	18	Holes	- No Data					
29	Stralak Resources Inc.	1	1981	N	55	19.0	216.0	py,Zn,Ag	Zn,Pb,Cu, Au,Ag
29a		2	1981	N	55	16.0	193.0	py,Zn,Ag	Zn,Pb,Cu, Au,Ag
29b		3	1981	N	55	10.0	1 3.0	py,Zn,Ag	Zn,Pb,Cu, Au,Ag
29c		4	1981	N	55	16.0	202.0	py,Zn,Ag	Zn,Pb,Cu, Au,Ag
29d		5	1981	N	55	25.0	180.0	py,Zn,Ag	Zn,Pb,Cu, Au,Ag
30		6	1981	N	45	5.0	400.0	-	-
31		7	1981	N	60	3.0	216.0	-	-
32	Sudbury Concentrating & Mining Co. Ltd.	1	1929	N	60	5.0	146.0	py,po,cp,sp	Zn,Pb,Cu, Au,Ag
32a		2	1929	N	60	8.0	130.0	py,po,cp,sp	Zn,Pb,Cu, Au,Ag
32b		3	1929	N	60	3.0	222.0	py,po	-
33		4	1929	N	60	6.0	194.0	py,po,cp,sp	Zn,Pb,Cu, Au,Ag

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled Degrees	Bearing Azimuth Degrees	Initial Dip of Hole Feet	Thickness of Overburden Feet	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
33a	Sudbury Concentrating & Mining Co. Ltd.	5	1929	N	45	7.0	196.0	py,po,cp,sp	Zn,Pb,Cu, Au,Ag
33b		6	1929	?	53	15.0	130.0	py,po,cp,sp	Zn,Cu,Pb, Au,Ag

GDIF FORM NO. 3

CRAIG TOWNSHIP

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude Feet	Flight Line Direction	Flight Line Spacing Feet
6	Mousseau Tremblay Inc. Jean Descarreaux & Assocs.	Airborne Electromagnetic	?	?	?
11	Aerodat Ltd. Rio Tinto Canadian Exploration Ltd.	Airborne Electromagnetic Airborne Magnetic	125' 125'	North-South North-South	600 600
14	Questor Surveys Ltd. Tex-Sol Explorations Ltd.	Airborne Electromagnetic	150'	North-South	600

GDIF FORM NO. 4

10 CRAIG TOWNSHIP

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
4	Soil Sampling	Cu,Pb,Zn	Chevron Standard Ltd.	Sudbury File Hess -0018

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

Federal Kirkland Mines Ltd.

Northern Miner June 28, 1984

Stralak Resources Ltd.

Northern Miner August 13, 1981
June 28, 1984
November 29, 1984

ODM GENERAL INDEX SEARCH

Words searched: ALMORE EXPLORATIONS LTD.
ALMORE SHOWING
AREA MINES LTD.
BANKFIELD CONSOLIDATED LTD.
BENNY GREENSTONE AREA
CANADIAN NICKEL CO. LTD.
CHEVRON STANDARD LTD.
CONFEDERATION MINING CORP. LTD.
CRAIG TOWNSHIP
CRAIG TWP. OCCURRENCE
DAWSON, J.
DESCARREAUX & ASSOCS.
FEDERAL KIRKLAND MINES LTD.
HATCH PROPERTY

Index Volume	Listing:	Report Volume	Part	Page
1	CRAIG TWP., Sud. Galena	1		92
2	CRAIG TWP., Sud. Nickel ore	N.C.		209
3	CRAIG TWP., Sud. Mining properties Rocks	38 38	7 7	63-65 54 55
3	SUDBURY CONCENTRATING & MINING CO. LTD. Incorporated Properties, Craig Tp.	37 38	1 7	59 63,65
4	AREA MINES LTD. Licensed	64	1	61
7	STRALAK ZINC PROPERTY, Craig Twp. Report on (1954) (1957)	 MRC1 MRC2		 60 107
8	BENNY AREA, Sudbury Dist. Summary of Field Work 1973 by K. D. Card , D. G. Innes Summary of Field Work 1974 by K. D. Card, D. G. Innes	 MP56 MP59		 111-117 132-138
8	CRAIG TP., Sudbury District Iron Zinc, Copper, Lead, Silver	 MRC11 MRC12		 330 235
8	STRALAK PROSPECT Craig Tp., Sudbury Dist.	MP59 MP60 MRC12		136-137 173 235
9	MINING CORP. OF CANADA LTD. Sudbury Area, Sudbury Dist.	ASR7		80
10	STRALAK MINES LTD. Craig Tp., Sudbury Dist.	MPBP3		169

ODM GENERAL INDEX SEARCH

Words searched:

MINING CORP. OF CANADA LTD.
MIN-ORE MINES LTD.
OAKRIDGE MINING CORP.OF CANADA
PRESTON EAST DOME MINES LTD.
SPANISH RIVER OCCURRENCE
SUDBURY CONCENTRATING & MINING
STRAIGHT LAKE
STRALAK PROSPECT
STRALAK RESOURCES
STRALAK ZINC PROPERTY
TEX-SOL EXPLORATION LTD.
TRI-BRIDGE CONSOLIDATED LTD.
WILSON, W. H.
WHISSELL CLAIMS

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K. D., Lumbers, S. B.	1974-75	Sudbury-Cobalt Geological Compilation (revised)	O.G.S. Map 2361	1"=4 miles
Card, K. D.	1965	Cartier Sheet	O.D.M. Map 287	1"=2 miles
Card, K. D., Lumbers, S. B.	1976	Benny Area - Charcoal Lake Sheet	O.D.M. Map P.1109	1"=½ mile
	1976	Benny Area - Gilbert-Bluewater Lakes Sheet	O.D.M. P.1106	1"=¼ mile
	1976	Benny Area - Spanish-Johnson Lakes Sheet	O.D.M. Map P.1110	1"=¼ mile
	1976	Benny Area - Stralak-Bannerman Lake Sheet	O.D.M. Map P.1107	1"=¼ mile
		GEOPHYSICAL MAPS		
Gupta, V. K.	1981	Bouguer Gravity and Generalized Geology Map Sudbury-Onaping Lake Area	O.G.S. Map P.2482	1:100,000
O.D.M.-G.S.C.	1965	Aeromagnetic Map - Glen Afton Sheet	Map 7067G	1"=4 miles
	1965	Aeromagnetic Map - Cartier	Map 1524G	1"=1 mile
	1965	Aeromagnetic Map - Pogamasing	Map 1525G	1"=1 mile
	1976	Uranium Reconnaissance Programs Airborne Gamma Ray Spectrometer Survey Sudbury, Ontario	O.G.S. Map 1610	1:100,000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Dept. of Energy, Mines & Resources	1967	Topographic Map - Cartier		1:50,000
	1977	Topographic Map - Pogamasing		1:50,000
Gartner, J. F.	1980	N.O.E.G.T.S. - Data Base Map - Cartier	Map 5000	1:100,000
		N.O.E.G.T.S. General Construction Capability Map	Map 5004	1:100,000
		N.O.E.G.T. Study 94		
		MINERAL POTENTIAL MAPS		
Innes, D. G., Jost, M.	1977	Nickel Deposits of Ontario, East Central Sheet, Districts of Thunder Bay, Algoma, Cochrane, Sudbury, Timiskaming and Nipissing	O.G.S. Map P.1062	1"=16 miles
Meyn, H. D., Howarth, J. R.	1977	Molybdenum Deposits of Ontario East Central Sheet	O.G.S. Map P.1246	1"=16 mi.
Springer, J.	1982	Mineral Potential Map of Ontario East Central Sheet	O.G.S. OFR5327	1"=16 miles
	1977	Ontario Mineral Potential Northern Part of Sudbury Sheet and Part of the North Bay Sheet	O.G.S. Map 1512	1:250,000
		GEOCHEMICAL		
		None as of March 13, 1985		

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Adlington, R.	1981	Craig Township, Sudbury Data Series	O.G.S. Map 2141	1"=¼ mile 1"=1 mile
Card, K. D., and Innes, D. G.	1981	Geology of the Benny Area Districts of Sudbury	O.G.S. GR206 Maps 2434, 2435	1"=½ mile
	1974	Summary of Field Work 1974	O.G.S. MP59	p.132-138
Kustra, C. R.	1976	Annual Report of the Regional and Resident Geologists	O.G.S. MP71	p.108
Milne, V. G.	1980	Summary of Field Work by the O.G.S.	O.G.S. MP96	p.136, 137
Geoscience Data Centre	1976	Index to Geological Data Received in Assessment Work & (MEAP) Reports on file as of December 1976		
Shklanka, R.	1969	Copper, Nickel, Lead, and Zinc Deposits of Ontario	MRC12	p.235
	1968	Iron Deposits of Ontario	MRC11	p.330
	1957	Copper, Nickel, Lead, and Zinc Deposits of Ontario	MRC2	p.101
		JOURNAL ARTICLES, THESES, TECHNICAL REPORTS		
Bedell, F. G.	1906	The Sudbury Mining District. Ph.D., U.K.	MP2	p.9
Boyle, R. W.	1976	Mineralization Processes in Archean Greenstone and Sedimentary Belts	G.S.C. Paper 75-15	
	1982	Volcanic Stratigraphy of the Geneva Lake Greenstone Belt, Ontario	Ontario Theses File, Sudbury	

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages

GDIF FORM NO. 9

NOTES AND ADDENDA

Index to Aerial Photographs

Scale 1"=¼ mile

Year	Roll	Line	Number
1973	25	4633	67-73
	25	4632	59-65
	15	4631	88-94
	14	4630	236-241
1959	6	4631	53-59
	6	4630	13-19
	11	4629	165-171

GDIF FORM NO.10

Ontario

Ministry of Natural Resources

Hon. Michael Harris
Minister

Mary Mogford
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 242

(Map **1** of **2**)

CRAIG TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

EXPLORATION DATA FILE AREAS

■ ① ⑥ Reference number is always inside work area outlined. See listing in text pages.

□ x ④ Small area of exploration.

Copper L.

Creek

46°47'30" + 81°42'

Mogo

Bluewater Lake

Loon L.

Marguerite L.

Duck L.

Spanish River

River

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 242

(Map **1** of **2**)

CRAIG TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

81° 42

Mogo

Bluewater Lake

Loon L.

Marguerite L.

Duck L.

Agnes R.

Little Craig L.

Spanish River

EXPLORATION DATA FILE AREAS

■ ① ⑥ Reference number is always inside work area outlined. See listing in text pages.

□ x ④ Small area of exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

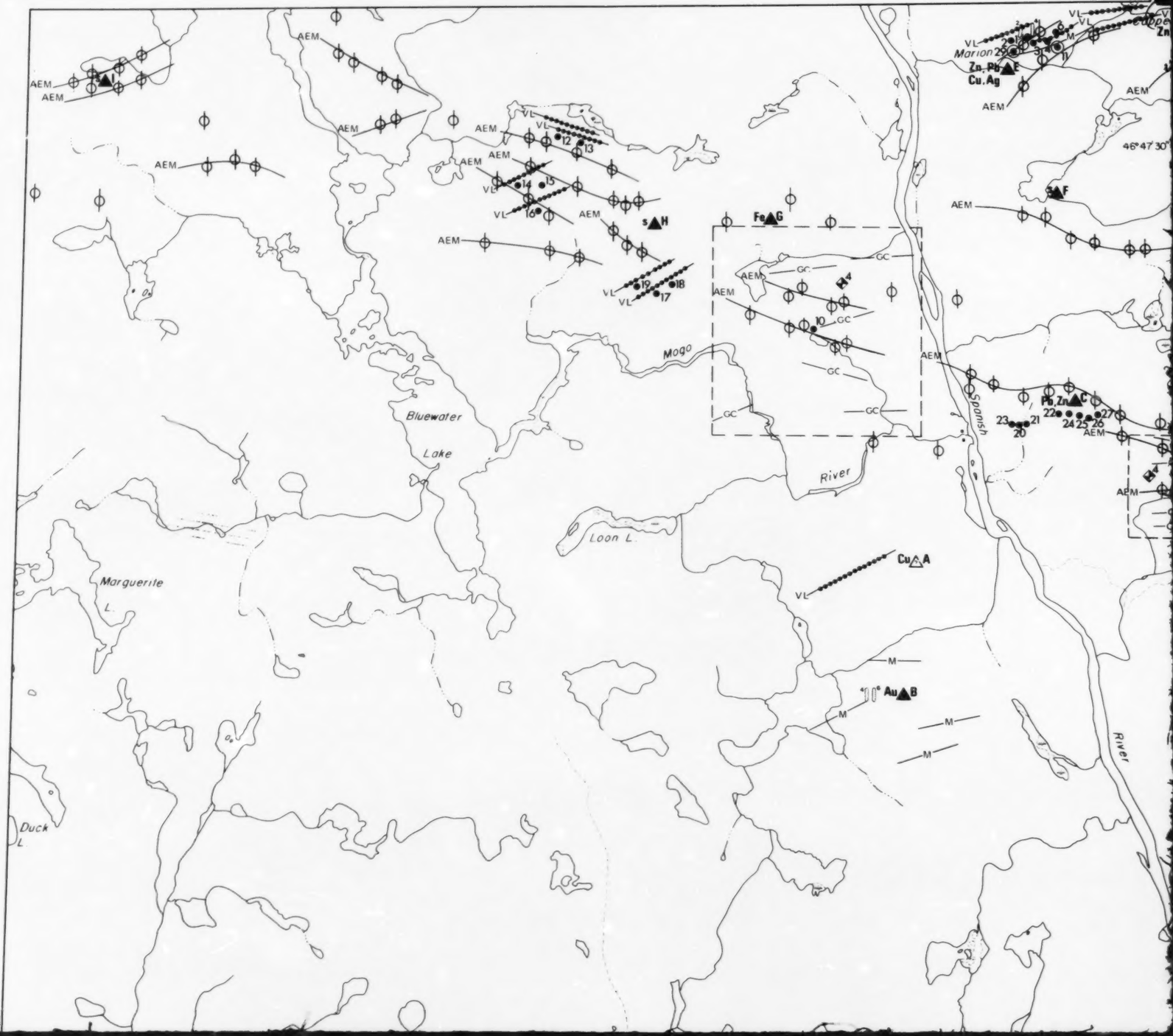
- ■ Geochemical sample site, with reference number
- ■ Area of geochemical sampling, with reference number
- □ Age dating material sampling site, with reference number
- ■ Geochemical Anomaly

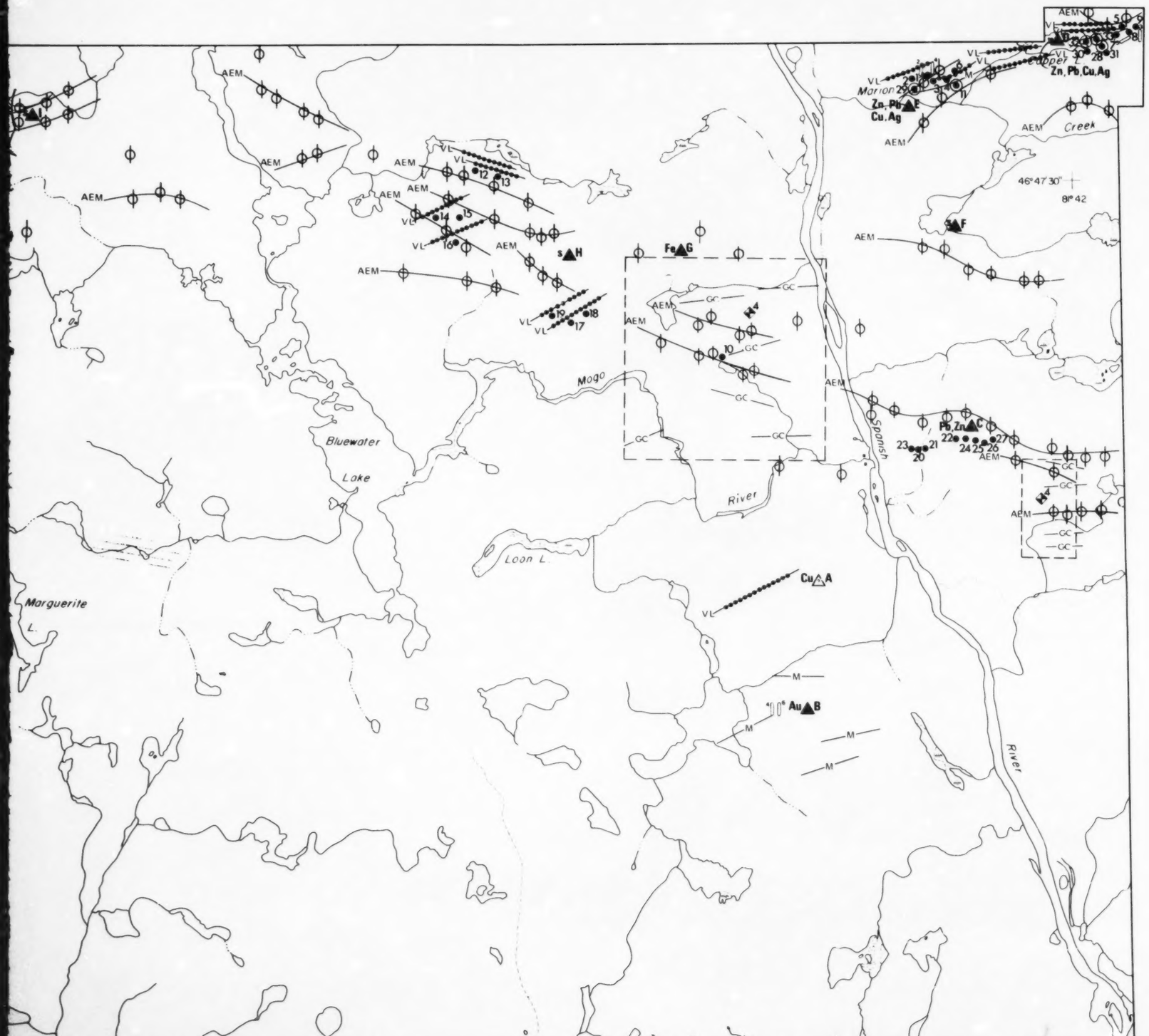
GEOPHYSICAL ANOMALIES

- □ Airborne Magnetometer Anomaly
- □ Airborne Electromagnetometer Anomaly
  Length of anomaly along flight line
- ■ Airborne Electromagnetometer Anomaly.
  Location of anomaly along flight line
- ■ Airborne Electromagnetometer Anomaly
  Conductor Axis: definite, probable, possible
- □ Airborne Radiometric Anomaly
- ■ Ground Magnetometer Anomaly
- ■ Ground Electromagnetometer Anomaly
  (VL - Vertical Loop; HL - Horizontal Loop;
  VLF - Very low freq; Turam; JEM -
  Crone EM - 16)
- □ Ground Radiometric Anomaly
- □ Induced Polarization Anomaly
- □ Self Potential Anomaly
- □ Audio-frequency magnetometer anomaly
  (total intensity)
- □ Resistivity Anomaly
- □ Gravity Anomaly
- □ Radiometric Site

MISCELLANEOUS DATA

- ■ Trenching, pit
- □ Rock quarry





Ministry of Natural Resources
Ontario

Hon. Michael Harris
Minister

Mary Mogford
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 242

(Map **2** of **2**)

CRAIG TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ■ cp▲A. — Mineral occurrence at surface, with reference letter
- □ Au◪A. 84' — Mineral occurrence with shaft, depth given with reference letter
- □ Ag△?A. — Mineral occurrence reported but exact location uncertain, with reference letter
- □ cp▬A. — Mineralized Float with reference letter

DRILL HOLES

- ■ ●² — Location of single drill hole, with reference number
- ■ ◉² — Location of closely spaced group of drill holes, with reference number
- □ ②² — Drill hole, exact location uncertain, with reference number

■ Area of geochemical sampling, with reference number

□ Age dating material sampling site, with reference number

■ GC Geochemical Anomaly

GEOPHYSICAL ANOMALIES

□ AM Airborne Magnetometer Anomaly

□ Airborne Electromagnetometer Anomaly
Length of anomaly along flight line

■ Airborne Electromagnetometer Anomaly.
Location of anomaly along flight line

■ Airborne Electromagnetometer Anomaly
Conductor Axis: definite, probable, possible

□ ARA Airborne Radiometric Anomaly

■ M Ground Magnetometer Anomaly

■ VL Ground Electromagnetometer Anomaly
(VL - Vertical Loop; HL - Horizontal Loop;
VLF - Very low freq; Turam; JEM -
Crone EM - 16)

□ RA Ground Radiometric Anomaly

□ IP Induced Polarization Anomaly

□ SP Self Potential Anomaly

□ AFMAG Audio-frequency magnetometer anomaly
(total intensity)

□ R Resistivity Anomaly

□ GR Gravity Anomaly

□ Radiometric Site

MISCELLANEOUS DATA

■ Trenching, pit

□ Adit

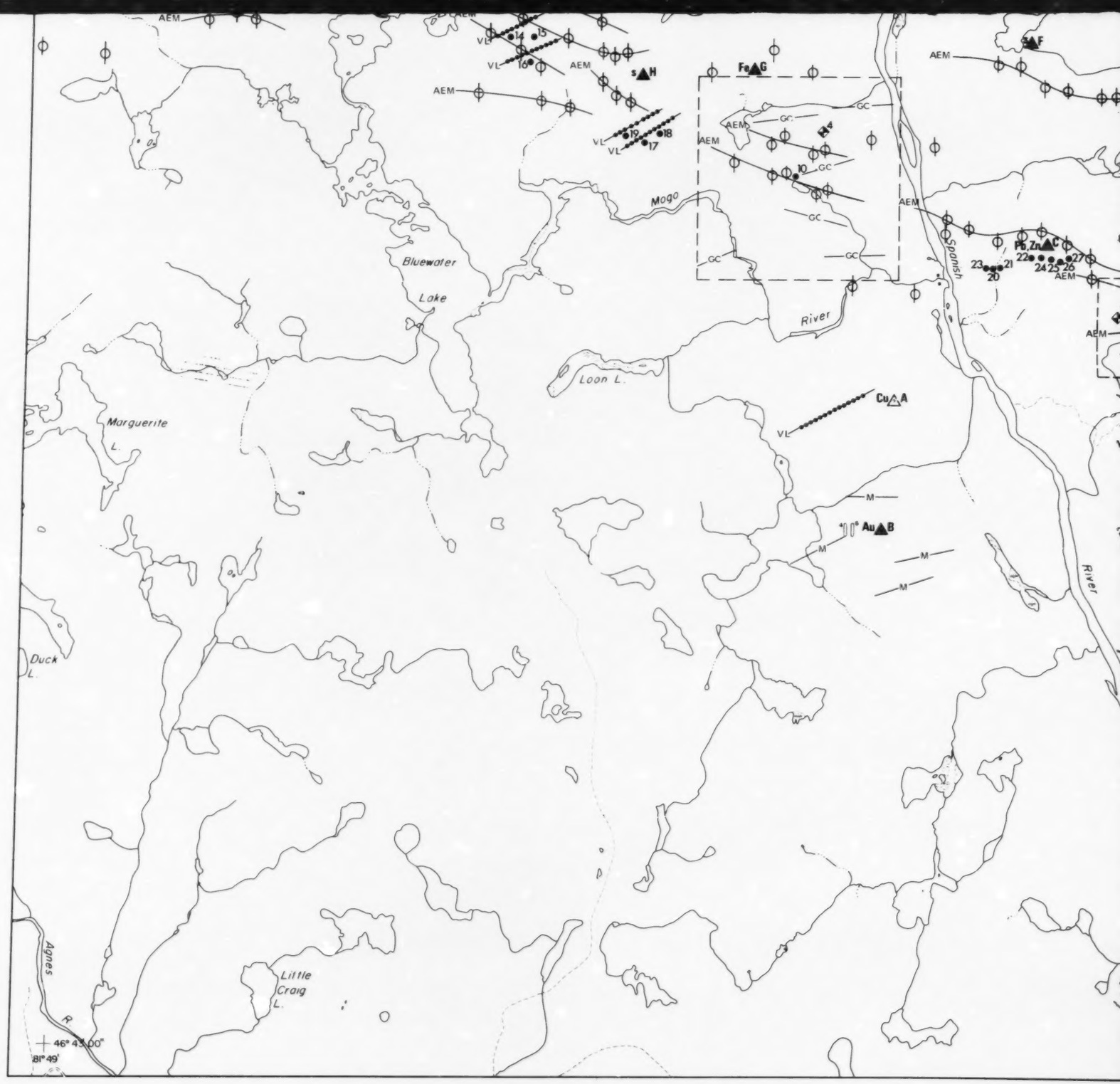
□ Open pit

■ Multiple Pits

□ Rock quarry

□ Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 242

(Map 2 of 2)

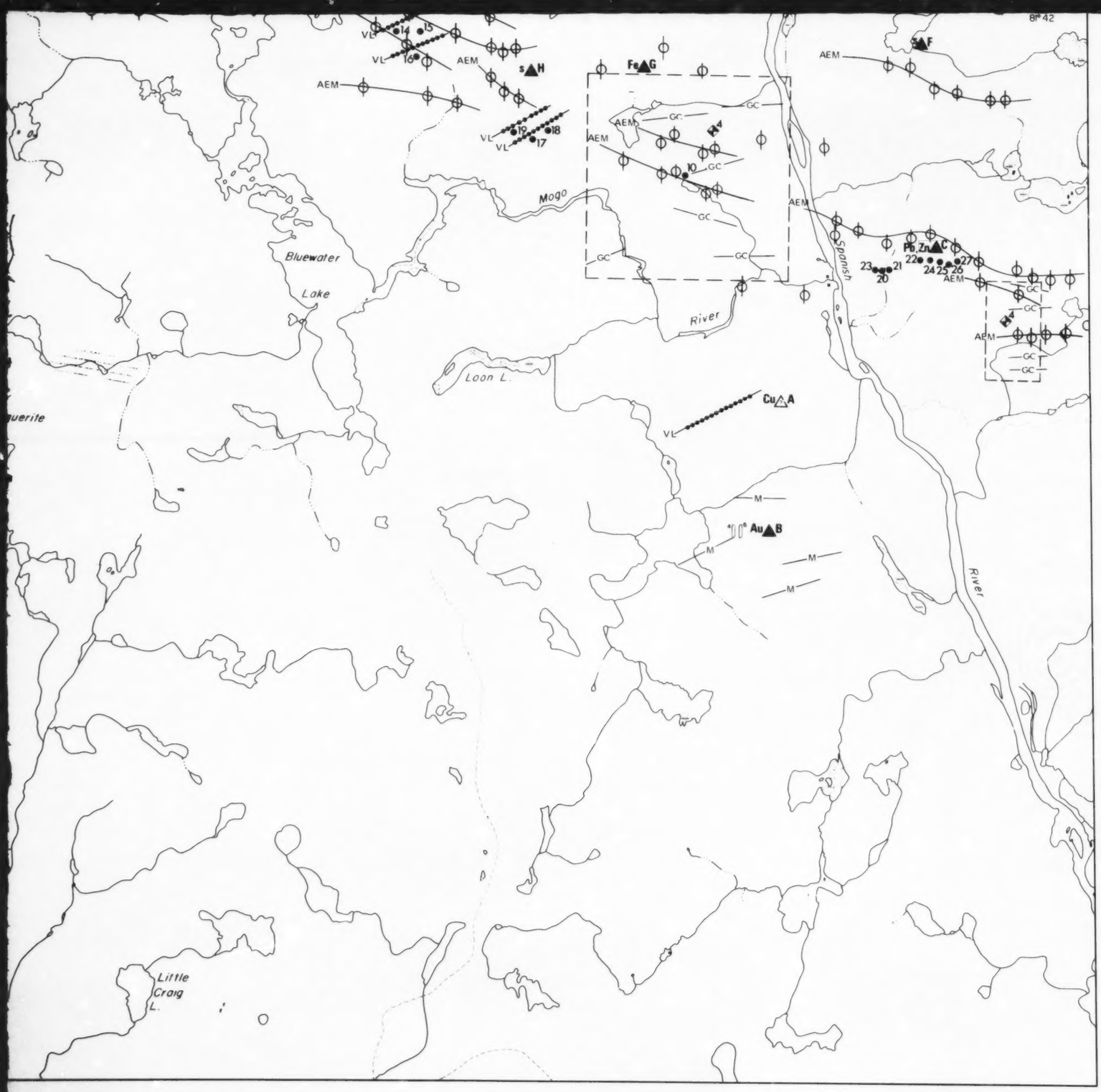
CRAIG TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre



GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ■ cp A. — Mineral occurrence at surface, with reference letter
- □ Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- □ Ag ? A. — Mineral occurrence reported but exact location uncertain, with reference letter
- □ cp A. — Mineralized Float with reference letter

DRILL HOLES

- ■ ●² — Location of single drill hole, with reference number
- ■ ◉² — Location of closely spaced group of drill holes, with reference number
- □ (?)² — Drill hole, exact location uncertain, with reference number.
- □ — Property with underground drill holes in this general area, with reference number
- □ ○² — Property with drill holes which have not been plotted on map, with reference number
- □ ⊕² — Reverse Circulation Drill Hole; Churn drilling, with reference number